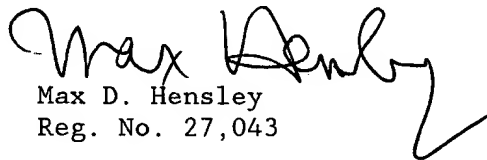## REMARKS

The foregoing claims are the same as the finally rejected claim set pending in the parent, and are based on the original specification and claims as is described in the prosecution of the parent application.

Respectfully Submitted,
GENENTECH, INC.

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LC8x1466.mdh

```
                                          sau96
      hinfl    ;aval} mnll                                        ddel                              alul                                    sfanl
  1   GAGTCAGCAC TGAACACGGA CCCCTCACGA TGAACTTCGG GCTCAGCTTG ATTTACGTTG TCCTTGTTTT AAAAGTTGTC CAGTGTGAAG TGATGCTGGT
      CTCAGTCGTG ACTTGTGCCT GGGGAGTGCT ACTTGAAGCC CGAGTCGAAC TAAATGGAAC AGGAACAAAA TTTTCAACAG GTCACACTTC ACTACGACCA

                                          scrf}
      hinfl    hinfl                    mnll  aval}                    ecoR}}        fnu4HI
101   GGGAGTCTGGG GGAGTCTTAA TGGAGCCCTG AGGGTCCCTG AAACTCTCCT GTGGCAGCCTC TGGATTCACT TTCAGTAGAT ATGCCAATGTC TTGGGTTCGC
      CCCTCAGACCC CCTCAGAATT ACCTCGGAC TCCCAGGGAC TTTGAGAGGA CACGTCGGAG ACCTAAGTGA AAGTCATCTA TACGGTACAG AACCCAAGCG
                                                                      bbv mnll}       hinf}
                                          hpa}}        mnll                               hpph}
201   CAGACTCCGG AGAAGAGGCT GGAGTGGGTC GCAACCATTA GTAGTGGTGG TAGTTCACAC TTTCCATCCA GACAGTGTGA AGGGCGGATTC ACCATCTCCA
      GTCTGAGGCC TCTTCTCCGA CCTCACCCAG CGTTGGTAAT CATCACCACC ATCAAGTGTG AAAGGTAGGT CTGTCACACT TCCCGCCTAAG TGGTAGAGGT
                       mboll                                            {ok}
                                                                                          hinf}

      rsal                          mnll      ddel      mnll                         haelll       mnll
301   GAGACAAATGCC CAAGAACACC CTGTACCTGC AAAATGAGCAG TCCTGAGGTCT GAGGACACGG CCATTACTGT CTGTGCAAGA CCCCTCTTA TTTCGTTAGT
      CTCTGTTACG GTTCTTGTGG GACATGGACG TTTACTCGTC AGACTCCAGA CTCCTGTGCC GGTAATGACAA GACACGTTCT GGGGAGAAT AAAGCAATCA
                            ddel      hpph}      ddel

                                  mnll                  mnll              sau96    scrf}
      mnll             haelll      ecoR}}              haelll ecoR}}                         xhol}
401   AGCGGGACTAT GCTATGGGTCA AGGAACCACC CCATCTGTCT ATCCACTGGC CCCTGGATCT
      TCGCCCTGATA CGATACCTGA ACTGGGCAGT TCCTTGGAGT CAGTGGCAGA GGAGTCGGTT TTGCTGTGGG GGTAGACAGA TAGGTGACCG GGGACCTAGA
                            dpnl                         sau3A
                                                         dpnl
```

Fig.4A.

```
GAGUCAGCACUGAAACACGGACCCUCACG
                              met asn phe gly leu ser leu ile tyr leu val leu lys val val gln cys glu
                              AUG AAC UUC GGG CUC AGC UUG AUU UAC UUG GUC GUC UUA AAA GUU GUC CAG UGU GAA
                             -10                                                                      1

val met leu val glu ser gly gly val leu met glu pro gly gly ser leu lys cys ala ala ser gly phe thr phe ser arg
GUG AUG CUG GUG GAG UCU GGG GGA GUC UUA AUG GAG CCU GGG UCC CUG AAA UGU GCA GCC UCU GGA UUC ACU UUC AGU AGA
      10              20              30

tyr ala met ser trp val arg gln thr pro glu lys arg leu glu trp val ala thr ile ser ser gly gly ser tyr arg
UAU GCC AUG UCU UGG GUU CGC CAG ACU CCG GAG AAG AGG CUG GAG UGG GUC GCA ACC AUU AGU AGU GGU GGU AGU UAC AGA
      40              50              60
                                                                                his thr phe his pro
                                                                                (handwritten, with strike-through)

ala met tyr tyr cys ala arg pro pro leu ile ser leu val ala met asp tyr trp gly gln gly thr thr val
GCC AUG UAU UAC UGU GCA AGA CCC CCU AUU UCG CUU GUA GCU AUG GAC UAC UGG GGU CAA GGA ACC ACG GUC
      70              80              90
arg gln cys glu gly            asp ser val lys
AGA CAG UGU GAA GGG            (handwritten annotations)

ser ala thr pro ser val tyr pro leu ala pro gly ser ala ala gln thr asn ser met val thr leu gly cys leu
UCC UCA GCC ACC CCU UCU GUC UAU CCA CUG GCC CCU GGA UCU GCU GCC CAA ACU AAC UCC AUG GUG ACC CUG GGA UGC CUG
      100             110             120

val lys gly tyr phe pro glu pro val thr val thr trp asn ser gly ser leu ser ser gly val his thr phe pro ala
GUC AAG GGC UAU UUC CCU GAG CCA GUG ACA GUG ACC UGG AAC UCG GGA UCC CUG UCC AGC GGU GUG CAC ACC UUC CCA GCU
      130             140             150

val leu gln ser ser gly leu tyr ser leu ser ser val val thr val pro ser ser pro arg pro ser glu thr val thr
GUC CUG CAG UCU UCA GGU CUC UAC UCC CUC AGC AGC GUG GUG ACU GUG CCC UCC AGC AGC CCU CGG CCC AGC GAG ACC GUC
      160             170             180

ser asp leu tyr thr leu ser ser val thr val pro ser ser pro arg pro ser glu thr val thr cys asn val ala his
AGC GAC CUC UAC ACC CUC AGC AGC GUC ACU GUG CCC UCC AGC ACC GUG UCC ACC UGC AAC GUU GCC CAC
      190             200             210

ser thr lys val asp lys lys ile val pro arg asp cys gly cys lys pro cys ile cys thr val pro glu val ser ser val phe
AGC ACC AAG GUG GAC AAG AAA AUU GUG CCC AGG GAU UGU GGU UGU AAG CCU UGC AUA UGU ACA GUC CCA GAA GUA UCA UCU GUC UUC
      220             230             240
```

Fig. 5A.